

1       A printing device has a plurality of print stations including dot-forming  
2 elements arranged to produce an image on a moving recording medium and  
3 provided in a redundant manner, thereby enabling dot-forming-element activ-  
4 ity to be distributed between redundant dot-forming elements and errors of  
5 dot-forming elements to be compensated. A lateral-position detector ar-  
6 rangement or predictor is arranged to indicate the recording medium's lateral  
7 position relative to the print stations during a print process. A controller is ar-  
8 ranged to use at least one print mask for each print station to distribute the  
9 dot-forming-element activity between the print stations and to compensate the  
10 errors of dot-forming elements. The printing device is arranged so that, in re-  
11 sponse to a detected or predicted change of the relative lateral position, at  
12 least one of the currently used print masks is replaced by another one relating  
13 to the changed relative lateral position.